In re Application of: Shih *et al*
Serial No.: 09/431,519
Filed: November 1, 1999

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application (note that amendments are **highlighted in bold**):

Claim Listing

Claims 1-42 (canceled)

Claim 43. (new) An anabolic implant composition for stimulating increased rate of growth, greater amount of growth and greater feed efficiency in cattle, said composition comprising: (i) an immediate-release formulation consisting of zeranol, and (ii) a controlled-release formulation consisting of zeranol and a controlled-release agent, wherein said immediate-release formulation and said controlled-release formulation cooperate to effect said stimulation.

Claim 44. (new) The implant composition of claim 43, wherein said immediate-release formulation and said controlled-release formulation are present respectively in a weight ratio range 1:2 to 1:25 in said composition.

Claim 45. (new) The implant composition of claim 43, wherein said immediate-release formulation and said controlled-release formulation are present respectively in a weight ratio range 1:2 to 1:10 in said composition.

Claim 46. (new) The implant composition of claim 43, wherein said immediate-release formulation and said controlled-release formulation are present respectively in a weight ratio range 1:3 to 1:8 in said composition.

Claim 47. (new) The implant composition of claim 43, wherein said composition is subcutaneously injectable in said cattle.

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Claim 48. (new) The implant composition of claim 43, wherein said zeranol comprises from about 50 wt.% to about 95 wt.% of said composition based on a total weight percentage basis.

Claim 49. (new) The implant composition of claim 43, wherein said zeranol comprises from about 60 wt.% to about 80 wt.% of said composition based on a total weight percentage basis.

Claim 50. (new) The implant composition of claim 43, wherein said immediate-release formulation additionally contains a diluent.

Claim 51. (new) The implant composition of claim 50, wherein said diluent is selected from the group consisting of lactose, mannitol, sorbitol, sucrose, dextrose, starches, hydrolyzed starches, and combinations thereof.

Claim 52. (new) The implant composition of claim 51, wherein said diluent is lactose.

Claim 53. (new) The implant composition of claim 43, wherein said controlled-release agent is selected from the group consisting of poly(D,L-lactide-co-glycolide), ethyl cellulose, methyl acrylate-methyl methacrylate copolymer, methyl cellulose, hydroxyethyl cellulose, hydroxypropylmethyl cellulose, sodium carboxymethyl cellulose, and combinations thereof.

Claim 54. (new) The implant composition of claim 53, wherein said controlled-release agent is poly(D,L-lactide-co-glycolide).

Claim 55. (new) The implant composition of claim 53, wherein said controlled-release agent is ethyl cellulose.

Claim 56. (new) The implant composition of claim 43, wherein said controlled-release agent comprises from about 1.0 wt.% to about 8.0 wt.% based on the total weight of said implant composition.

Claim 57. (new) The implant composition of claim 43, further comprising a bulking agent, binder, excipient, tabletting agent, colorant and combinations thereof.